

# Assistant Professor, Biological Sciences

---

## Posting Details

FINAL POSTING COPY 12-01-2021

---

### Position Information

**Position Title** Assistant Professor, Biological Sciences

**Posting Number** F00289

**Job Description Summary, Duties and Responsibilities, Required Qualifications and Preferred Qualifications**

**BASIC FUNCTION:**

We seek candidates interested in developing a strong and externally funded research program in undergraduate biology education. The successful candidate will conduct research, support and mentor graduate and undergraduate students, and teach a course in introductory biology as well as upper-level or graduate courses related to their interests. The successful candidate will couple their research and teaching efforts to improve teaching and learning within their own classroom while possibly partnering with other STEM instructors. We are especially interested in candidates with research experience and/or interests relating to building equity and inclusion in STEM education, and candidates with a demonstrated commitment to addressing the systemic biases and significant challenges experienced by students historically excluded from science.

**Duties and Responsibilities:**

Perform discipline-based education research (DBER) in biological sciences with an emphasis on undergraduate education.

Broadly disseminate research findings in peer-reviewed publications in discipline-appropriate journals or conference proceedings.

Secure external research funding sufficient to conduct research and support graduate and undergraduate students.

Teach introductory biology and additional relevant courses based on interests and apply evidence-based teaching and assessment strategies to improve student success.

Employ strategies to improve the success and retention of students historically excluded from science.

Perform departmental, college, and university service as required.

**Qualifications**

**Required:**

1. Ph.D. in Biology, Biology Education, or related field by June 2022.
2. Primary area of research in discipline-based education research (DBER) in biological sciences or related field.
3. Demonstrated record of scholarship.

4. Demonstrated record of teaching and mentorship.
5. Demonstrated ability to ensure equity and inclusion, particularly for students historically excluded from science.
6. Demonstrated ability to work with diverse groups/populations.

**Preferred:**

1. Demonstrated ability to solicit and/or secure funding to support research.
2. Demonstrated research on undergraduate biology education.
3. Demonstrated commitment to justice, equity, diversity, and inclusion in undergraduate education.

---

**ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.**

**Union** AAUP - American Assoc of Univ Professors

**EEO Job Group** 23-Assistant Professor

**FTE** 1.00

**Status** Academic Year, Full-time, Tenure-track, Permanent

**End Date of Restriction or Limitation**

**Department Information**

**Division** Academic Affairs

**College** Envir. Life Sciences

**Department** Biological Sciences

**Contact(s)** Please note: Job applications must be submitted directly online only at: (<https://jobs.uri.edu>)

**Contact Email**

**Campus Location** Kingston

**Grant Funded** No

**Extension Contingent on Funding Date**

**Posting Detail Information**

**Position Number** 106466

**Posting Date** 12/01/2021

**Closing Date** 02/15/2022

**Open Until Filled** No

**Pass Message**

Thank you for your interest in this position. The screening and selection process is currently underway and will continue until a successful candidate is chosen. Should review of your qualifications result in a decision to pursue your candidacy, you will be contacted.

**Fail Message**

Thank you for your interest in this position. Based on your responses to the questions on the employment application, you do not meet the minimum required qualifications for this position. Please do not let this discourage you from applying to other positions that interest you at the University of Rhode Island.

**Special Instructions to Applicants**

**Please attach the following 6 (PDF) documents to your online Faculty Employment Application:**

(#1) Cover Letter describing interest in the position.

(#2) Curriculum Vitae.

(#3) A research statement describing DBER accomplishments and future research plans (up to 3 pages as one complete document) – the research statement should include the following:

- Discipline-based education research (DBER) and/or STEM education accomplishments (include funding applications, whether funded or not, and publications).
- Future research directions, plans, and goals in undergraduate biology education research.

(#4) A statement of teaching philosophy addressing evidence-based teaching and inclusive pedagogy (up to 2 pages as one complete document) – the statement of teaching philosophy should include the following:

- a discussion of the philosophy that guides your teaching and your pedagogical approach.
- how your research intersects with your teaching philosophy.
- how your work in justice, equity, diversity, and inclusion intersects with your teaching philosophy.
- a plan for engaging and motivating students in a large lecture setting.

(#5) Other Document – a justice, equity, diversity, and inclusion statement (up to 2 pages as one complete document) – the justice, equity, diversity, and inclusion statement should include the following:

- A description of the framework and/or theories that guide your understanding of justice, equity, diversity, and inclusion, with an emphasis on higher education issues.
- Contributions you have made to justice, equity, diversity, and inclusion through research, teaching, and/or service.

(#6) Other Document – References – the names and contact information for three professional references.

**Quicklink for Posting**

<https://jobs.uri.edu/postings/9042>

**Search Committee Members**

Dr. Evan Preisser, Committee Chair

Dr. Katie Amaral

Dr. Jannelle Couret

Dr. Rachel Schwartz

**Committee Chair**

Evan Preisser

**External Advertising Sources**

Chronicle of Higher Education, IMDiversity.com, URI.edu, Inside Higher Ed

**Please list any other advertising sources**

Society for the Advancement of Chicanos/Hispanics and Native Americans in Science – (<https://careercenter.sacnas.org/>)

Science – online for 8-weeks

Association for Women in Science – (30 day online – subject to availability of funds by dept)

Indeed.com

Note: Insidehighered – (no charge as dept of Human Resources will use prepaid subscription)

**Advertising**

**HERC Information**

**Post To HERC**

**HERC Category**

---

**Applicant Documents**

---

**Required Documents**

- 1. Cover Letter/Letter of Application
- 2. Curriculum Vitae
- 3. Research Statement
- 4. Statement of Teaching Philosophy
- 5. Other Document
- 6. Other Document - References

**Optional Documents**

None

---

**Posting Documents**

---

No documents have been attached.

---

**Supplemental Questions**

---

Required fields are indicated with an asterisk (\*).

- 1. \* Do you have a Ph.D. in Biology, Biology Education, or related field by June 2022 ?
  - o Yes
  - o No - (disqualifying)
- 2. \* Do you have primary area of research in discipline-based education research (DBER) in biological sciences or related field?
  - o Yes

- No - (disqualifying)
  - 3. \* Do you have demonstrated record of scholarship?
    - Yes
    - No - (disqualifying)
  - 4. \* Do you have demonstrated record of teaching and mentorship?
    - Yes
    - No - (disqualifying)
  - 5. \* Do you have demonstrated ability to ensure equity and inclusion, particularly for students historically excluded from science?
    - Yes
    - No - (disqualifying)
  - 6. \* Do you have demonstrated ability to work with diverse groups/populations?
    - Yes
    - No - (disqualifying)
  - 7. How did you hear about this employment opportunity?
    - Public Job Posting
    - Internal Job Posting
    - Agency Referral
    - Advertisement/Publication
    - Personal Referral
    - Website
    - Other
- 

## Search Committee

---

No Search Committee Members have been assigned to this Posting yet.

---

## Evaluative Criteria

---